

pearance occurred at $9^h 20^m 48^s \pm$ G.M.T.; the angle on the limb, measured from the planet's northern pole round by the eastern or following side, being about 250° . *Jupiter* was obscured by clouds at the time of the reappearance of the star, which is Bessel (Weisse) xii, 966. Mean place for 1825, R.A. $12^h 54^m 49^s.21$, $\delta - 4^\circ 12' 33''.2$. It is of the 8th magnitude, according to Bessel.

The air was unfavourable, and the time noted is therefore uncertain to a few seconds.

Micrometrical Measures of γ Virginis. By Isaac Fletcher,
F.R.A.S.

"The binary star γ Virginis, being an object of extraordinary interest, I beg leave to submit the following measures of its angle of position and distance to the Royal Astronomical Society.

"The measures were taken with extreme care with the six-foot equatoreal and clock motion, and parallel wire-micrometer.

Epoch.	Position.	Weight.	Distance.	Weight.
1851.386	176 16	3	3.011	3
'397	175 55	2	3.005	4
'400	175 29	4	3.035	4
'402	176 2	3	3.107	2
'408	176 20	4	3.088	4
'408	175 51	4	3.056	4
Mean 1851.401	175 58	20	3.047	21

"In taking the mean, the several proportional weights are duly allowed for. Each set consists of eight measures of position, and eight double measures of distance."

On the evening of March 12, 1851, as the sun was setting in the midst of a thick haze, Mr. Weld observed a spot on the sun's disc with the naked eye. On pointing it out to one or two other persons, they saw it with facility. Next day he observed the sun with the equatoreal, and found a single large spot nearly round but somewhat angular. Its greatest measured diameter parallel to the equator was $4^s.05$, that of the nucleus $1^s.60$. Its diameter measured along the meridian circle was $52''.53$.

Astronomische Nachrichten.

The Editor of the *Monthly Notices* has received from Mr. J. Schumacher an account of the stock in hand of the lamented Professor's publications, including a complete list of the back Volumes and Numbers of the *Nachrichten*. In the June Notice

he hopes to give a fuller account; but in the mean time he would recommend those gentlemen who possess *incomplete* copies of this invaluable work to send lists of the Volumes and Numbers which they require, and he will try to supply them, without unnecessary cost, on the principle of serving first the first applicant.

ERRATA.

R.A. of Weisse xxi, 937, is 1^m in defect.

Astron. Nachrichten, No. 760, Berlin Observations of *Irene*, for May 14 and 16, read 24 and 26.

 Owing to the absence of the Editor, and two or three unlucky coincidences, Number 7 went to press in a less correct state than was desirable. A few copies only were taken off and distributed; it has been thought advisable to cancel this first impression and to reprint the whole in the present more perfect form.

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